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Merchant fleet development

Statistical annexes on cargo flows */

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ANNEX I

Major dry bulk carro movements from and to developing countries - based on 1975 data

Estimated movements of 100,000 tons or more, from or to developing countries, of the five major bulk commodities: iron ore, coal, grain, bauxite/alumina, phosphate rock (1976)

('000s tons)

Developing country or territory	Commodity	Exports	Imports	Trading partner
Algeria	Iron ore	300		France
		100		Italy
	Wheat		281	Canada
			800	U.S.A.
			209	France
			103	Argentina
	Phosphate rock	100		France
		100		Italy
		100		Czechoslovakia
		100		Poland
Total		800	1,393	
Angola	Iron ore	100		U.S.A.
		1,400		Japan
		200		Belgium/Luxemburg
		400		France
		200		Portugal
		800		United Kingdom
Total		3,100	-	
Argentina	Iron ore		1,100	Brazil
	Coal		350	Poland
			840	U.S.A.
	Wheat	306		Italy
		103		Algeria
		120		Chile
		151		Libyan Arab Jamahiriya
	Sorghum	137		Belgium/Luxemburg
		602		Japan
		100		India
		320		Mexico
	Maize	314		Cuba
		916		Mexico
			105	Australia
Total		3,147	2,395	

Developing country or territory	Commodity	Exports	Imports	Trading partner
Bahrain	Alumina		230	Australia
Total			230	
Bangladesh	Coal		160	India
	Wheat		500	U.S.A.
			460	Australia
			356	Canada
			392	France
Total			1,868	
Brazil	Iron ore	700		Canada
		7,600		U.S.A.
		23,500		Japan
		1,500		Austria
		1,900		Belgium/Luxemburg
		3,500		France
		11,000		Germany F.R.
		3,100		Italy
		1,600		Netherlands
		1,600		Spain
		2,200		United Kingdom
		300		Yugoslavia
		700		Czechoslovakia
		800		Poland
		1,200		Roumania
		1,100		Argentina
	Coal		1,820	U.S.A.
			810	Poland
	Wheat		500	Canada
			2,500	U.S.A.
	Maize	170		Italy
		197		Spain
		702		USSR
	Phosphate rock		700	U.S.A.
			600	Morocco
Total		63,309	6,930	

Developing country or territory	Commodity	Exports	Imports	Trading partner
Chile	Iron ore	300		U.S.A.
		8,100		Japan
		100		Belgium/Luxemburg
		100		Germany F.R.
	Wheat		400	U.S.A.
			399	Australia
			120	Argentina
Total		8,200	919	
Colombia	Iron ore	100		U.S.A.
	Wheat		329	U.S.A.
Total		100	329	
Cuba	Wheat		390	Canada
	Maize		314	Argentina
Total			704	
Dominican Rep.	Wheat		109	U.S.A.
	Bauxite	949		U.S.A.
Total		949	109	
Ecuador	Wheat		202	U.S.A.
Total			202	
Egypt	Coal		100	Australia
			200	U.S.A.
			500	USSR
	Wheat		1,002	Australia
			935	U.S.A.
			550	France
	Maize		400	U.S.A.
	Phosphate rock	100		Czechoslovakia
Total		100	3,687	

Developing country or territory	Commodity	Exports	Imports	Trading partner
Ghana	Bauxite	100		Germany F.R.
		225		United Kingdom
	Alumina		110	Suriname
Total		325	110	
Guinea	Bauxite	1,865		U.S.A.
		1,142		Canada
		655		France
		780		Germany F.R.
		208		Italy
		1,844		USSR
Total		6,494		
Guyana	Bauxite	821		Canada
		380		U.S.A.
Total		1,201		
Haiti	Bauxite	503		U.S.A.
Total		503		
Hong Kong	Iron ore	200		Japan
	Maize		130	Thailand
Total		200	130	
India	Iron ore	200		U.S.A.
		16,800		Japan
		1,000		Germany F.R.
		400		Czechoslovakia
		200		Hungary
		600		Poland
		2,100		Roumania
		600		Rep. of Korea
	Coal	160		Bangladesh
	Wheat		602	Australia
			643	Canada
			743	France
			230	Germany F.R.
			4,060	U.S.A.
	Sorghum		100	U.S.A.
			100	Argentina
	Phosphate rock		200	U.S.A.
			100	Jordan
Total		22,060	6,718	

Developing country or territory	Commodity	Exports	Imports	Trading partner
Indonesia	Iron ore	400		Japan
	Wheat		359	Australia
			500	U.S.A.
	Bauxite	386		Japan
Total		1,306	859	
Iran	Wheat		726	U.S.A.
	Phosphate rock		300	U.S.A.
Total			1,026	
Iran	Wheat		204	Australia
			208	Canada
Total			412	
Jamaica	Maize		117	U.S.A.
	Bauxite	6,345		U.S.A.
	Alumina	707		U.S.A.
		405		Norway
		332		United Kingdom
		141		Mexico
Total		7,930	117	
Jordan	Phosphate rock	200		Japan
		100		France
		100		Italy
		200		Turkey
		300		Bulgaria
		100		Czechoslovakia
		100		Poland
		200		Romania
		100		India
Total		1,300		
Kuwait	Sheet		101	Australia
Total			101	

Developing country or territory	Commodity	Exports	Imports	Trading partner
Lebanon	Wheat		156	Canada
	Maize		102	U.S.A.
Total			258	
Libyan Arab Jamahiriya	Wheat		131	Argentina
Total			152	
Liberia	Iron ore	2,500		U.S.A.
		900		Japan
		200		Austria
		900		Belgium/Luxembourg
		2,000		France
		6,200		Germany F.R.
		2,900		Italy
		1,500		Netherlands
		600		Spain
		500		United Kingdom
Total		17,800		
Malaysia	Iron ore	200		Japan
	Wheat		311	Australia
	Bauxite	550		Japan
	Maize		113	Thailand
Total		750	434	
Mauritania	Iron ore	1,000		Japan
		900		Belgium/Luxembourg
		2,300		France
		600		Germany F.R.
		1,300		Italy
		300		Netherlands
		800		Spain
		1,600		United Kingdom
Total		8,500		
Mexico	Phosphate rock		600	Morocco
	Sorghum		326	Argentina
	Maize		516	Argentina
Total			1,042	

Developing country or territory	Commodity	Exports	Imports	Trading partner
Morocco	Iron ore	300		Germany F.R.
	Wheat		802	France
	Phosphate rock	500		Japan
		1,100		Belgium/Luxemburg
		200		Denmark
		1,300		France
		500		Germany F.R.
		200		Greece
		100		Finland
		1,100		Italy
		100		Ireland
		600		Netherlands
		400		Portugal
		1,400		Spain
		300		Sweden
		400		Turkey
		1,300		United Kingdom
		200		Bulgaria
		200		Czechoslovakia
		100		Dem.Rep. Germany
		1,700		Poland
		700		Roumania
		600		Brasil
		800		Mexico
Total		14,100	802	
Mozambique	Iron ore	200		Japan
Total		200		
Nigeria	Wheat		378	U.S.A.
Total			378	
Pacific Is. (Nauru)	Phosphate rock	2,100		Australia/New Zealand
		300		U.S.A.
		200		Japan
Total		2,600		
Pakistan	Wheat		201	Australia
			230	Canada
			157	France
			924	U.S.A.
Total			1,602	

Developing country or territory	Commodity	Exports	Imports	Trading partner
Peru	Iron ore	1,600		U.S.A.
		2,700		Japan
		100		Belgium/Luxemburg
		400		France
		600		Germany F.R.
		100		Italy
		200		United Kingdom
		300		Rep. of Korea
	Wheat		111	Australia
			664	U.S.A.
	Maize		300	U.S.A.
Total		6,000	1,075	
Philippines	Iron ore	100		U.S.A.
		1,500		Japan
	Wheat		114	Canada
			366	U.S.A.
	Phosphate rock		100	U.S.A.
Total		1,600	580	
Rep. of Korea	Iron ore		600	Australia
			600	India
			300	Peru
	Coal		580	Australia
			200	U.S.A.
	Wheat		1,511	U.S.A.
	Maize		394	U.S.A.
			110	Thailand
	Phosphate rock		700	U.S.A.
Total			5,045	
United Republic of Tanzania	Wheat		111	U.S.A.
	Maize		176	U.S.A.
Total			287	
Saudi Arabia	Wheat		300	U.S.A.
Total			300	

Developing country or territory	Commodity	Exports	Imports	Trading partner
Sri Lanka	Wheat		100 200	Australia France
Total			300	
Sierra Leone	Iron ore	1,000 600		Japan Germany F.R.
	Bauxite	333 311		Canada Germany F.R.
Total		2,344		
Senegal	Phosphate rock	400 100 200 300 100 100 100		France Netherlands Greece United Kingdom Finland Czechoslovakia Poland
Total		1,500		
Singapore	Wheat		127 354	Australia U.S.A.
	Maize		100 335	U.S.A. Thailand
Total			816	
Sudan	Wheat		119	U.S.A.
Total			119	
Surinam	Bauxite	104 1,952		Canada U.S.A.
	Alumina	442 106 218 237 110		U.S.A. Germany F.R. Netherlands Norway Ghana
Total		3,069		

Developing country or territory	Commodity	Exports	Imports	Trading partner
Syrian Arab Republic	Wheat		158	U.S.A.
	Phosphate rock	100		Bulgaria
		100		Czechoslovakia
		100		Poland
		100		Roumania
Total		400	158	
Thailand	Maize	978		Japan
		130		Hong Kong
		123		Malaysia
		235		Singapore
		110		Rep. of Korea
Total		1,476		
Togo	Phosphate rock	900		France
		100		Belgium/Luxemburg
		500		Netherlands
		200		Poland
Total		1,700		
Trinidad and Tobago	Wheat		105	U.S.A.
Total			105	
Tunisia	Iron ore	200		France
6	Phosphate rock	500		France
		100		Italy
		100		United Kingdom
		300		Greece
		300		Turkey
		100		Czechoslovakia
		300		Poland
		100		Brazil
Total		2,000		

Developing country or territory	Commodity	Exports	Imports	Trading partner
Venezuela	Iron ore	13,300		U.S.A.
		400		Belgium/Luxemburg
		300		France
		1,500		Germany F.R.
		2,400		Italy
		500		Spain
		1,800		United Kingdom
		100		Czechoslovakia
		100		Poland
	Wheat		597	U.S.A.
	Sorghum		420	U.S.A.
Total		21,100	1,017	
Total		207,549	43,608	

NOTES

1. Sources: United Nations Statistical Papers, Series D, Commodity Trade Statistics; UNCTAD data bank; specialised commodity trade intelligence sources.

2. The shipping classifications for three of the items covered can be directly aligned with specific SITC classifications - namely, iron ore (SITC 281.3), coal (321.4); phosphate rock (273.1).

3. Cargoes of bauxite and alumina cannot be properly identified from trade data reported under SITC items 283.3 and 513.65, and for these items industry sources have been used.

4. The shipping classification of "grain" is normally taken as covering wheat (including meslin) (SITC 041 and 046); maize (044); barley (043); rye (045.1); oats (045.2); soya beans (221.4) and sorghum. Sorghum is understood to comprise the major portion of SITC item 045.9 ('cereals unmilled n.e.s.') and for the purposes of this estimate this item has been taken as equivalent to "sorghum". Grain movements of 100,000 tons or more from or to developing countries appear to be confined to movements of wheat, maize and sorghum, and consequently no figures are recorded for barley, rye, oats or soya beans.

5. Estimates have been based on the latest complete data in respect of each commodity item. Phosphate rock is the only item in respect of which complete data are available for 1976; the other estimates are based on 1975 data.

6. The sources listed above relate to total movements, both seaborne and land-borne. In order to arrive at estimates of seaborne movements the best available evidence has been used to eliminate landborne movements, but some approximation has been inevitable.

Annex II

Estimated seaborne imports of crude petroleum by developing countries - 1975
('000 metric tons)

Developing country or territory	Volume	Trading partner
Antigua	40	Trinidad
	120	Venezuela
Total	160	
Argentina	1370	Libyan Arab Jamahiriya
	750	Unknown
Total	2120	
Bahamas	290	North America
	400	Gabon
	3480	Libyan Arab Jamahiriya
	2800	Nigeria
	300	Iran
	5000	Saudi Arabia
	900	Unknown
Total	13170	
Bangladesh	300	Iran
	300	United Arab Emirates
Total	600	
Barbados	150	Trinidad
Total	150	
Brazil	760	Algeria
	2110	Libyan Arab Jamahiriya
	180	Egypt
	920	Venezuela
	1800	Iran
	8290	Iraq
	5180	Kuwait
	2330	Oman
	350	Qatar
	11150	Saudi Arabia
	750	United Arab Emirates
	250	U.S.S.R.
	150	Unknown
Total	34220	

Developing country or territory	Volume	Trading partner
Burma	200	Brunei
Total	200	
Chile	720	Ecuador
	380	Venezuela
	1220	Iran
	210	Saudi Arabia
	860	United Arab Emirates
	140	Unknown
Total	3530	
Costa Rica	290	Venezuela
Total	290	
Cuba	5550	U.S.S.R.
Total	5550	
Dominican Rep.	1250	Venezuela
Total	1250	
Cyprus	290	Saudi Arabia
Total	290	
Ecuador	1160	Venezuela
Total	1160	
El Salvador	610	Unknown
Total	610	
Ethiopia	350	Iran
	250	Iraq
Total	600	
Egypt	520	Iran
	130	Iraq
	1430	Saudi Arabia
Total	2080	

Developing country or territory	Value	Trading partner
Ghana	460	Libyan Arab Jamahiriya
	610	Algeria
	180	Iraq
	140	U.S.S.R.
Total	1,390	
Guam	500	Qatar
	560	Saudi Arabia
	80	Bahrain
Total	1130	
Guatemala	440	Venezuela
	270	Lebanon
Total	710	
Honduras	450	Venezuela
Total	800	
India	2700	Iran
	900	Iraq
	3040	Saudi Arabia
	850	U.S.S.R.
	90	Lebanon
Total	13580	
Ivory Coast	140	Algeria
	530	Nigeria
	280	Iraq
	130	Lebanon
Total	1,730	
Jamaica	3,400	Venezuela
Total	3400	
Jordan	470	Saudi Arabia
Total	670	

Developing country or territory	Value	Trading partner
Kenya	1450	Iran
	680	Saudi Arabia
	210	United Arab Emirates
Total	2830	
Korea Rep. of	1000	Iran
	9000	Kuwait
	6100	Saudi Arabia
Total	15000	
Lebanon	1870	Iran
	710	Saudi Arabia
Total	2580	
Liberia	370	Saudi Arabia
Total	510	
Madagascar	700	Iraq
	530	Saudi Arabia
Total	1230	
Malaysia	1700	Kuwait
	1000	Saudi Arabia
	1000	United Arab Emirates
Total	3700	
Mauritania	230	Venezuela
	450	Bahrain
Total	680	
Mexico	1000	Algeria
	2000	Iran
	2000	Iraq
	1100	Saudi Arabia
	400	Bahrain
Total	6500	

Developing country or territory	Volume	Trading partner
Mozambique	100	Iran
	710	Iraq
Total	810	
Netherland Antilles	1140	Gabon
	2160	Nigeria
	19230	Venezuela
	560	Oman
	2400	Saudi Arabia
	1950	Unknown
Total	27440	
Nicaragua	650	Venezuela
Total	650	
Pakistan	3200	Iran
Total	3200	
Panama	1570	Ecuador
	860	Venezuela
	1660	Saudi Arabia
	50	Unknown
Total	4140	
Paraguay	205	Unknown
Total	205	
Peru	1600	Ecuador
	770	Venezuela
	30	Unknown
Total	2400	
Philippines	500	Iraq
	1830	Kuwait
	4660	Saudi Arabia
	760	Indonesia
	500	China
	550	Unknown
Total	8800	
Senegal	250	Nigeria
	300	Iraq
	150	Unknown
Total	700	
Sierra Leone	210	Nigeria
	100	Gabon
Total	310	
Singapore	3450	Iran
	1250	Iraq
	7290	Kuwait
	1010	Oman
	2170	Saudi Arabia
	950	United Arab Emirates
	770	Unknown
Total	16920	
Sri Lanka	1850	Iran
Total	1850	
Sudan	400	Iran
	750	Iraq
Total	1150	
Syrian Arab Republic	2410	Iraq
Total	2410	
United Republic of Tanzania	520	Iran
	210	Saudi Arabia
Total	730	
Thailand	500	Iraq
	1000	Kuwait
	1340	Qatar
	2000	Saudi Arabia
	310	China
	560	Unknown
Total	5790	

Developing country or territory	Volume	Trading partner	Developing country or territory	Volume	Trading partner
Trinidad and Tobago	60	Angola	Dem. Yemen	310	Iraq
	80	Nigeria		250	Kuwait
	50	Venezuela	Total	1300	
	810	Iran			
	4340	Saudi Arabia	Zaire	170	Algeria
	2560	Indonesia		290	Libyan Arab Jamahiriya
Total	7900			160	Iraq
Tunisia	680	Iraq	Total	620	
	330	Saudi Arabia			
Total	1010		Zambia	840	Iran
			Total	840	
Uruguay	130	Libyan Arab Jamahiriya			
	200	Venezuela			
	670	Iran			
	1010	Kuwait			
Total	1810				
			Total	905715	

Notes

1. Source: United Nations, Series 'D': World Seaborne Supplies 1971-1975 and additional information made available by the Statistical Office, New York.

2. The sources listed above relate to total movements, both seaborne and landborne. In order to arrive at estimates of seaborne movements, the best available evidence has been used to eliminate landborne movements, but some approximation has been inevitable.

3. Imports by the 14 main oil-producing countries and by Bahrain have been excluded from this tabulation.

Annex III

Exports of petroleum products by developing countries - 1976
('000 metric tons)

Categories of developing countries and territories	Exports	Categories of developing countries and territories	Exports
1. 14 major oil producers plus Bahrain		3. Other countries	
		African	
Algeria	1,697	Angola	52
Ecuador	-	Benin	13
Gabon	448	Ethiopia	437
Indonesia	660	Gambia	3
Iran	6,470	Ghana	335
Iraq	734	Ivory Coast	151
Kuwait	12,710	Kenya	695
Libyan Arab Jamahiriya	869	Liberia	1
Nigeria	340	Madagascar	140
Oman	-	Malawi	4
Qatar	150	Morocco	25
Saudi Arabia	11,041	Mozambique	30
United Arab Emirates	-	Senegal	141
Venezuela	37,606	Sierra Leone	1
Bahrain	8,685	Tanzania, United Rep.	15
	81,348	Tunisia	25
		Uganda	4
2. Countries and territories exporting more than one million tons		Zaire	200
		American	
		Argentina	115
Bahamas	7,082	Barbados	1
Colombia	1,324	Bolivia	220
Democratic Yemen	1,205	Brazil	215
Egypt	1,053	Chile	96
Netherlands Antilles	27,708	El Salvador	7
Singapore	11,841	Guadeloupe	4
Trinidad	13,204	Honduras	14
U.S. Virgin Islands	22,940	Jamaica	37
	86,356	Martinique	353
		Mexico	170
		Nicaragua	4
		Panama	140
		Puerto Rico and Gen. Rep.	30
		Peru	206
		Asia	
		Bangladesh	9
		Brunei	3
		Hong Kong	34
		Indonesia	660
		Korea, Rep. of	871
		Malaysia	419
		Pakistan	173
		Philippines	101
		Sri Lanka	92
		Syrian Arab Republic	377
		Thailand	57
		Fiji	45
		Guam	30
			7,372

Source:

United Nations, Series 'J': World Energy Supplies 1973-76 (advance copy).

ANNEX IV

Imports of petroleum products by developing countries - 1975
('000 metric tons)

Categories of developing countries and territories	Imports	Categories of developing countries and territories	Imports
1. 14 major oil producers plus Bahrain		3. Countries and territories importing between 200,000 and 1,000,000 tons	
Algeria	74		
Ecuador	32	Cameroon, United Rep.	535
Gabon	90	Guinea	270
Indonesia	1,231	Mauritius	518
Iran	-	Panama	565
Iraq	-	Nigeria	636
Kuwait	1	Yemen	710
Libyan Arab Jamahiriya	30	Senegal	865
Nigeria	630	Trinidad and Tobago	977
Oman	1,100	Sudan	585
Qatar	26	Tunisia	435
Saudi Arabia	10	Bolivia	559
United Arab Emirates	300	Ghana	564
Venezuela	-	Jamaica	210
Bahrain	1	Mongolia	877
	3,495	Jordan	600
		Ethiopia	512
		Costa Rica	367
2. Countries and territories importing more than one million tons		Dominican Rep.	753
		Guatemala	414
		Uruguay	565
		Kenya	370
Brazil	1,196	Syria	364
Cuba	1,600	Iran	585
Hong Kong	5,377	Honduras	580
India	3,300	U.S. Virgin Is.	600
Indonesia	1,231	Afghanistan	560
Jamaica	1,400	Nepal	270
Nigeria	1,300	Chile	393
Mexico	2,800	Haiti	457
Netherland Antilles	3,633	Malawi	31
Panama Canal Zone	3,197	Sri Lanka	642
Singapore	8,300	Zambia	460
Syrian Arab Republic	1,300	Zimbabwe	750
Thailand	1,371	Papua New Guinea	570
		Fiji	247
		Malta	500
		Togo	530
			75,564

Categories of developing countries and territories	Imports	Categories of developing countries and territories	Imports
4. Other importing developing countries and territories		America	
		Barbados	148
Africa		Belize	63
		British Virgin Is.	6
Angola	176	Cayman Is.	23
Benin	116	Dominica	9
Burundi	24	El Salvador	7
Cape Verde Is.	102	Falkland Is.	2
Central African Empire	43	French Guiana	37
Chad	70	Grenada	13
Comoros	11	Guadeloupe	182
Congo	117	Haiti	126
Equatorial Guinea	20	Honduras	31
Ethiopia	45	Montserrat	1
Gambia	22	Nicaragua	60
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